

DERWENT-ACC-NO: 2002-155696

DERWENT-WEEK: 200221

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TITLE: Additional textile mat, used for  
motor vehicles, comprises an upper layer and an under  
layer bonded together by means of an open pore,  
air-permeable, cross-linked polyurethane prepolymer  
intermediate layer

INVENTOR: FECHNER, S; HESSLER, S

PATENT-ASSIGNEE: SCHAEFFLER TEPPICHBODEN GMBH[SHAE]

PRIORITY-DATA: 2000DE-1025482 (May 23, 2000)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
DE 10025482 A1		December 6, 2001	N/A
007	B60N 003/04		

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-DESCRIPTOR	APPL-NO
DE 10025482A1		N/A	
2000DE-1025482		May 23, 2000	

INT-CL (IPC): A47G027/02, B60N003/04 , B60R013/08 ,  
C08J005/04 ,  
D06N007/00 , G10K011/168

ABSTRACTED-PUB-NO: DE 10025482A

BASIC-ABSTRACT:

NOVELTY - Additional textile mat for motor vehicles  
comprises an upper layer,  
and under layer bonded together by means of an open pore,  
air-permeable,

cross-linked polyurethane prepolymer intermediate layer.

DETAILED DESCRIPTION - Additional textile mat (I) for motor vehicles has a textile upper layer bonded to a textile under layer for laying upon the floor covering of the motor vehicle. The upper layer (1) and the under layer (4) are bonded together by means of an open pore, air-permeable, cross-linked polyurethane prepolymer intermediate layer (6). Textile fibers (2, 5) of the upper layer and the under layer are bonded into the intermediate layer such that they are resistant to wear and abrasion, and that the laminate is permeable to air in a direction perpendicular to the floor covering.

USE - The textile mat (I) is useful in automobiles.

ADVANTAGE - The mat (I) has an improved absorption coefficient in the frequency range of 1,250-8000 Hz.

DESCRIPTION OF DRAWING(S) - The drawing is a cross-sectional view of a mat.

upper layer 1

textile fibers 2, 5

support 3

under layer 4

CHOSEN-DRAWING: Dwg.1/3

TITLE-TERMS: ADD TEXTILE MAT MOTOR VEHICLE COMPRISE UPPER  
LAYER LAYER BOND OPEN  
PORE AIR PERMEABLE CROSS LINK POLYURETHANE  
PREPOLYMER INTERMEDIATE  
LAYER

DERWENT-CLASS: A85 F08 P27 P86 Q14 Q17

CPI-CODES: A12-S02; A12-T04B; F04-E03C;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; P1592\*R F77 D01 ; S9999 S1343 S1309 ; M9999 M2073  
; B9999

B5287 B5276 ; Q9999 Q7818\*R ; H0259

Polymer Index [1.2]

018 ; ND01 ; Q9999 Q9234 Q9212 ; Q9999 Q9289 Q9212 ;  
Q9999 Q9325

; K9574 K9483 ; K9676\*R ; B9999 B5243\*R B4740 ; B9999  
B3985 B3974

B3963 B3930 B3838 B3747 ; Q9999 Q6622 Q6611 ; K9892 ;  
K9416 ; B9999

B5458 B5403 B5276

Polymer Index [1.3]

018 ; B9999 B4875 B4853 B4740 ; K9518 K9483

Polymer Index [2.1]

018 ; H0317 ; S9999 S1070\*R ; S9999 S1183 S1161 S1070 ;  
S9999 S1092

S1070 ; S9999 S1149 S1070 ; P0839\*R F41 D01 D63

Polymer Index [2.2]

018 ; R00964 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53  
D58 D83 ;

H0317 ; S9999 S1070\*R ; S9999 S1183 S1161 S1070 ; S9999  
S1092 S1070

; S9999 S1149 S1070 ; H0000 ; P1150 ; P1343

Polymer Index [2.3]

018 ; ND01 ; Q9999 Q9234 Q9212 ; Q9999 Q9289 Q9212 ;  
Q9999 Q9325

; K9574 K9483 ; K9676\*R ; B9999 B5243\*R B4740 ; B9999  
B3985 B3974

B3963 B3930 B3838 B3747 ; Q9999 Q6622 Q6611 ; K9892 ;  
K9416 ; B9999

B5458 B5403 B5276

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2002-048813

Non-CPI Secondary Accession Numbers: N2002-118340



⑮ BUNDESREPUBLIK  
DEUTSCHLAND



DEUTSCHES  
PATENT- UND  
MARKENAMT

⑫ **Offenlegungsschrift**  
⑩ **DE 100 25 482 A 1**

⑤ Int. Cl. 7:  
**B 60 N 3/04**  
B 60 R 13/08  
A 47 G 27/02  
G 10 K 11/168  
C 08 J 5/04  
D 06 N 7/00

⑲ Aktenzeichen: 100 25 482.9  
⑳ Anmeldetag: 23. 5. 2000  
㉑ Offenlegungstag: 6. 12. 2001

DE 100 25 482 A 1

⑦① Anmelder:  
Schaeffler Teppichboden GmbH, 96052 Bamberg,  
DE

⑦④ Vertreter:  
Geiser, H., Dipl.-Ing., Pat.-Anw., 90489 Nürnberg

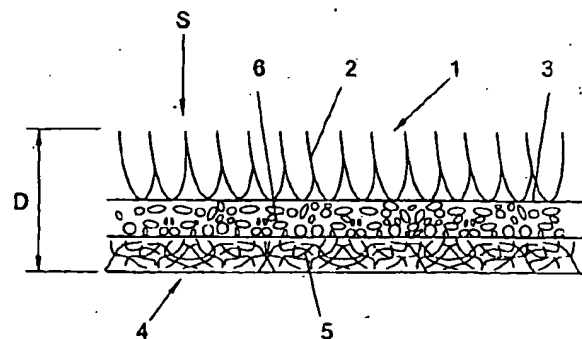
⑦② Erfinder:  
Heßler, Stefan, 39646 Oebisfelde, DE; Fechner,  
Stefan, 95213 Münchberg, DE

Die folgenden Angaben sind den vom Anmelder eingereichten Unterlagen entnommen

Prüfungsantrag gem. § 44 PatG ist gestellt

⑤④ Durchgehend schallabsorbierende Zusatzmatte für Kraftfahrzeuge

⑤⑦ Eine textile Zusatzmatte für Kraftfahrzeuge soll hinsichtlich der Schallabsorptionseigenschaften verbessert werden. Hierfür ist die Oberschicht 1 mit der Unterschicht 4 mittels einer offenporig luftdurchlässigen, duroplastischen Polyurethan-Prepolymer-Zwischenschicht 6 verbunden.



DE 100 25 482 A 1